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(57)Abstract:

[illegible]

CONSTITUTION: For a color converting method which minimizes the color reproduction error between an input image and an output image, grating points corresponding to the respective items of a table representing a color converting process are provided in a color space. In the color reproduction area of the image output device, the grating points are adjusted and a new grating point is added repeatedly; and the grating points not in the color reproduction area of the image output device are left at the initially set values as they are. Further, grating points in an area where image signals whose number is less than a threshold are present and an area where the distribution of image signals has partiality among areas sectioned with the grating points in the color space are so set that no abrupt variation is generated as compared with other grating points.

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